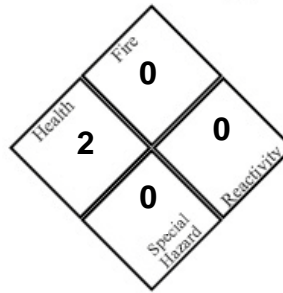




### NFPA Rating



### HMIS Rating

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

## Material Safety Data Sheet

### INNOTECH Stampable Overlay:

Colors: Gray or White

SO0115-01, SO0130-01

Revision Date: 0710

Page No.: 1 of 6

Version: 1

File Name: Stampable Overlay MSDS\_v070110

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION:

Company:  
Innotech Decorative Concrete Products  
2055 Enterprise Parkway  
Twinsburg, OH 44087  
877.829.7880

24-Hour Emergency Response Information  
CHEMTREC: 800.424.9300

**Chemical Family:** Calcium silicate compounds  
**Synonyms:** Cement Stampable Overlays

### 2. COMPOSITION/INFORMATION ON INGREDIENTS: Components that are considered hazardous under OSHA 29CFR 1910.1200 and are in concentrations that are equal to or greater than reportable limits

CAS NO.:	CHEMICAL NAME:	PERCENTAGE
14808-60-7	Quartz or Silicon Dioxide, crystalline	>0.1%
65977-15-1	Silicate (Portland Gray or White Cement)	>1.0%
13397-24-5	Gypsum	>1.0%
1317-65-3	Limestone	>1.0%
1305-62-0	Calcium Hydroxide	>1.0%

### 3. HAZARD IDENTIFICATION:

**Emergency overview:** Crystalline silica is an IARC Group I carcinogen

Immediate or delayed hazard: Excessive exposure to high concentrations of dust may cause irritation to the eyes, skin and mucous membranes of the upper respiratory tract.

**Potential health effects:**

**Primary Routes of Entry:** Eye and skin contact, inhalation, ingestion

Prolonged exposure to airborne free crystalline silica may cause delayed lung injury including silicosis. Silicosis is reported to increase the risk of tuberculosis, if exposed to persons with tuberculosis. The condition of individuals with lung disease (e.g., bronchitis, emphysema, COPD) can be aggravated by exposure.

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#### **4. FIRST-AID MEASURES:**

**General advice:**

Remove victim from area of contact to fresh air.

**If in eyes:**

Do NOT rub eyes. Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

**If on skin:**

Wash contacted area with pH-neutral soap and cool water; Do NOT attempt to neutralize with chemical agents. If irritation persists, seek medical attention.

**If inhaled:**

Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if coughing and breathing difficulties persist, seek medical attention..

**If swallowed:**

Drink large quantities of water or milk. Never give anything by mouth to an unconscious person; seek medical attention immediately.

**Note to physician: Repeated over exposure to this compound by cause eye, skin and respiratory tract destruction that is potentially irreversible.**

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#### **5. FIRE-FIGHTING MEASURES:**

**Flash point:** N/A      **LEL:** N/A      **UEL:** N/A

**Suitable extinguishing media:** Dry chemical water spray, CO<sub>2</sub> or foam

**Hazards during fire-fighting:** Not combustible

**Protective equipment for fire-fighting:** Normal appropriate equipment/gear

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#### **6. ACCIDENTAL RELEASE MEASURES:**

**Personal precautions:**

Practice good housekeeping. Clean up any and all spills immediately; avoid generating dust and collect in labeled waste container. Avoid using compressed air.

**Environmental precautions:**

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, and final rinsing should be absorbed or vacuumed and disposed of in accordance with regulations.

**Cleanup:**

- For small amounts of released material: Clean spill area by means of dustless collection method and retain for reuse or disposal.
  - For large amounts of released material: Allow material to dry before disposal.
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## 7. HANDLING and STORAGE:

**Handling:**

**General advice** – Handle the product in accordance with good industrial hygiene and safety practices. Use proper work practices and adequate ventilation with dust collection to maintain airborne levels of crystalline silica to below the PEL. Use of this product may generate elevated levels of crystalline silica dust that may not be visible to the unaided eye. If PEL's are exceeded, wear a respirator.

**Storage:**

**General advice-** Keep dry, store at room temperature in unopened, original container; or tightly sealed, labeled container. Protect from physical damage. Store away from food and drink.

**Shelf Life:**

2 years

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## 8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

**Advice on system design:**

Use adequate general or local exhaust ventilation to minimize exposure.

**Personal protective equipment (HMIS rating 'F'):**

**Eye protection:** If working in confined area where dust is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.

**Skin protection:** Gloves; optional – coveralls or apron to reduce skin contact and keep personal clothing free of dust.

**Respiratory protection:** Use only NIOSH approved respiratory protection.

**General safety and hygiene measures:** Wash thoroughly with soap and water after handling.

**Exposure Guidelines:\***

ACGIH TLV: 10 mg/m<sup>3</sup> Same for OSHA TWA

STEL: N/A

OSHA PEL: \*Total dust = 15 mg/m<sup>3</sup> TWA, Respirable = 5 mg/m<sup>3</sup> TWA; ACGIH TLV 0.025mg/m<sup>3</sup> respirable fraction quartz.

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## 9. PHYSICAL and CHEMICAL PROPERTIES:

Form:	Various colors of gritty powder
Odor:	Earthen order
pH in water:	12 to 13
Specific gravity:	2 to 3.5
Solidification temperature:	Unspecified
Freezing/Melting point:	Not applicable
Boiling point:	Not applicable
Vapor density:	Not applicable
Vapor pressure:	Not applicable
Evaporation Rate:	Not applicable
Solubility in water:	Very slight

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Revision Date: 0710  
Version: 1

Page No.: 4 of 6  
File Name: Stampable Overlays MSDS\_v070110

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**10. STABILITY and REACTIVITY:**

**Conditions to avoid:** *Unintentional contact with water.*

**Substances to avoid:**

Mixture reacts with strong acids, ammonium salts and phosphorus or powerful oxidizing agents such as fluorine or chlorine.

**Decomposition or By-products:**

Crystalline silica will dissolve in hydrofluoric acid and produce a corrosive gas (silicon tetrafluoride)

**Corrosion to metals:**

None

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**11. TOXICOLOGY INFORMATION:**

**Acute Toxicity:**

**Oral:** Not Established

**Eye irritation:** Not Established

**Skin irritation:** Not Established

**Inhalation:** Not Established

**Sensitization:** Skin: Not Established

Respiratory: Not Established

**Chronic Toxicity:**

**Other information:** Not established

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**12. ECOLOGICAL INFORMATION:**

***Biodegradation:***

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Unspecified

***Environmental toxicity:***

Acute and prolonged toxicity to fish: Unspecified

Toxicity to microorganisms: Unspecified

Other ecotoxicological advice: Unspecified

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**13. DISPOSAL CONSIDERATIONS:**

***Waste disposal of substance:***

Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, and final rinsing should be absorbed or vacuumed and disposed of in accordance with regulations.

***Container disposal:***

Dispose of at an approved landfill in accordance with local, state, federal and national regulations

***RCRA:***

Unspecified – none listed

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**14. TRANSPORTATION INFORMATION:**

***Land transportation:***

Not regulated

***Sea transportation:***

IMDG: Not regulated

***Air transportation:***

IATA/ICAO: Not regulated

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**15. REGULATORY INFORMATION:**

**Federal Regulations:**

**Registration status:**

TSCA, US :

Some substances in Portland Cement are on the TSCA inventory list

**OSHA hazard category:**

Crystalline silica (quartz) is not regulated as a human carcinogen but as a toxic and hazardous substance.

**SARA hazard category (EPCRA 311/312):** Portland Cement qualifies as a hazardous substance with delayed health effects. Crystalline silica is classified by the IARC as a known human carcinogen. Some studies indicate potential for lung cancer or lung injury including silicosis.

This product contains a chemical (s) know to the state of California to cause cancer.

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**16. OTHER INFORMATION:**

***NFPA Rating:***

Health:   2   Fire:   0   Reactivity:   0   Special Hazard: none

***HMIS III Rating:***

Health: 2 Flammability: 0 Physical Hazard: 0  
Personal Protection: F =\_safety glasses, gloves, dust respirator as needed

*Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.*

*HMIS III personal protection ratings A-K are specified by HMIS.*

**Reason for Revision:**

New Product Document

**Reviewed:**

JB / 0710

**Local Contact Information:**

Innotech Decorative Concrete Products  
877.829.7880 (8 a.m. to 5 p.m., M-F, EST)  
www.innotechdcp.com

**24-Hour Emergency Response Information:**

CHEMTREC: 800.424.9300

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